

Well Completions

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REPORTING PERIOD:	8/2/17	to
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	A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.
Well Identification	DCNR 594 (02-205) 6H
API Well Number:	37-117-21826-00-01
Latitude:	11.639969
Longitude:	-77.113194
Well Category (select from list):	Production
Primary Compliance Method (select from list):	Reduced emissions completion

Date 10/24/2017 10/25/2017 10/25/2017 10/26/2017 10/28/2017 10/29/2017 10/30/2017 10/31/2017 11/1/2017 11/2/2017 11/3/2017 11/4/2017 11/5/2017 11/5/2017	Duration of flowback (hours) 20 18.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0	Duration of recovery to the flow line (hours) 2.0 15.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0	Duration of combustion (hours) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Duration of venting (hours)* 0.0 3.0 0.0 0.0 0.0 0.0 0.0 0.	Comments Initial Flowback Period begins: 10:01 PM Well Shut-in: 3:01 AM Separation Flowback Period begins: 9:01 AM Well Shut-in: 10:31 AM Separation Flowback Period begins: 12:01 PM Well Shut-in: 8:31 AM Separation Flowback Period begins: 2:01 PM
7	24.0	24.0	0.0	0.0	
7 7	24.0	24.0	0.0	0.0	
11/6/2017	24.0	24.0	0.0	0.0	
11/7/2017	24.0	24.0	0.0	0.0	
11/8/2017	24.0	24.0	0.0	0.0	
11/9/2017	24.0	24.0	0.0	0.0	
11/10/2017	24.0	24.0	0.0	0.0	
11/11/2017	24.0	24.0	0.0	0.0	
11/12/2017	24.0	24.0	0.0	0.0	
11/13/2017	24.0	24.0	0.0	0.0	
17	0.10	24.0	0.0	0.0	
11/14/2017	24.0	24.0	0.0	0.0	
11/15/2017	24.0	24.0	0.0	0.0	
11/16/2017	17.5	17.5	0.0	0.0	Well Shut-in: 1:01 PM Separation Flowback Period begins: 5:01 PM Well Shut-in: 6:31 PM Separation Flowback Period begins: 9:01 PM
	21.0	21.0	0.0	0.0	Well Shut-in: 1:01 PM Separation Flowback Period begins: 4:01 PM
11/17/2017	100	10.0	0.0	0.0	Well Shut-in: 10:01 AM

Well Shut-in, turned over to production: 12:01 PM	0.0	0.0	12.0	12.0	11/24/2017
	0.0	0.0	24.0	24.0	11/23/2017
	0.0	0.0	24.0	24.0	11/22/2017
Well Shut-in: 8:31 AM Separation Flowback Period begins: 10:01 AM	0.0	0.0	21.5	21.5	11/21/2017
Well Shut-in: 10:31 AM Separation Flowback Period begins: 2:01 PM	0.0	0.0	20.5	20.5	11/20/2017
Separation Flowback Period begins: 8:01 AM	0.0	0.0	16.0	16.0	11/19/2017



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Affected Facility:

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification DCNR 594 (02-205) 8H

Longitude: 41.640050 -77.113164 37-117-21799-00-00

API Well Number:

Primary Compliance Method (select from list): Well Category (select from list): Production

Reduced emissions completion

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
10/25/2017	18.0	12.0	0.0	6.0	Initial Flowback Period begins: 2:01 AM Well Shut-in: 8:01 AM Separation Flowback Period begins: 12:01 PM
10/26/2017	24.0	24.0	0.0	0.0	
10/27/2017	24.0	24.0	0.0	0.0	
10/28/2017	24.0	24.0	0.0	0.0	
10/29/2017	24.0	24.0	0.0	0.0	
10/30/2017	24.0	24.0	0.0	0.0	
10/31/2017	22.5	22.5	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 12:01 PM
11/1/2017	24.0	24.0	0.0	0.0	
11/2/2017	24.0	24.0	0.0	0.0	
11/3/2017	22.5	22.5	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 2:01 PM
11/4/2017	24.0	24.0	0.0	0.0	
11/5/2017	24.0	24.0	0.0	0.0	
11/6/2017	24.0	24.0	0.0	0.0	
11/7/2017	24.0	24.0	0.0	0.0	
11/8/2017	24.0	24.0	0.0	0.0	
11/9/2017	24.0	24.0	0.0	0.0	
11/10/2017	24.0	24.0	0.0	0.0	
11/11/2017	24.0	24.0	0.0	0.0	
11/12/2017	24.0	24.0	0.0	0.0	
11/13/2017	24.0	24.0	0.0	0.0	
11/14/2017	24.0	24.0	0.0	0.0	
11/15/2017	24.0	24.0	0.0	0.0	
11/16/2017	18.0	18.0	0.0	0.0	Well Shut-in: 5:01 PM Separation Flowback Period begins: 11:01 PM
11/17/2017	12.0	12.0	0.0	0.0	Well Shut-in: 12:01 PM
11/18/2017	14.0	14.0	0.0	0.0	Separation Flowback Period begins: 10:01 AM
11/19/2017	23.0	23.0	0.0	0.0	Well Shut-in: 8:01 AM Separation Flowback Period begins: 9:01 AM

Well Shut-in, turned over to production: 12:01 PM	0.0	0.0	12.0	12.0	11/24/2017
	0.0	0.0	24.0	24.0	11/23/2017
	0.0	0.0	24.0	24.0	11/22/2017
	0.0	0.0	24.0	24.0	11/21/2017
Well Shut-in: 8:01 AM Separation Flowback Period begins: 10:31 PM Well Shut-in: 2:01 PM Separation Flowback Period begins: 4:01 PM	0.0	0.0	19.5	19.5	11/20/2017



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Affected Facility:	Well Completions A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each oas well affected facility is a single natural gas well.
Well Identification	Johnson (02-135) K2H
API Well Number:	37-117-21895-00-00
Latitude:	41.651264
Longitude:	-77.065422
Well Category (select from list):	Production
Primary Compliance Method (select from list):	Reduced emissions completion

Date	Duration of flowback (hours)	recovery to the flow line (hours)	Duration of combustion (hours)	Duration of Duration of combustion venting (hours) (hours)*	Comments
12/3/2017	14.0	13.0	0.0	1.0	Initial Flowback Period begins: 10:01 AM Separation Flowback Period begins: 11:01 PM
12/4/2017	23.8	23.8	0.0	0.0	Well Shut-in: 8:01 AM Separation Flowback Period begins: 8:15 AM
12/5/2017	24.0	24.0	0.0	0.0	
12/6/2017	24.0	24.0	0.0	0.0	
12/7/2017	24.0	24.0	0.0	0.0	
12/8/2017	24.0	24.0	0.0	0.0	
12/9/2017	24.0	24.0	0.0	0.0	
12/10/2017	24.0	24.0	0.0	0.0	
12/11/2017	24.0	24.0	0.0	0.0	
12/12/2017	24.0	24.0	0.0	0.0	
12/13/2017	24.0	24.0	0.0	0.0	
12/14/2017	19.0	19.0	0.0	0.0	Well Shut-in: 8:01 AM Separation Flowback Period begins: 12:01 PM Well Shut-in: 2:01 PM Separation Flowback Period begins: 3:01 PM
12/15/2017	9.0	9.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM



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Well Completions

Well Identification Johnson (02-135) K4H

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

API Well Number: 37-117-21896-00-00

Primary Compliance Method (select from list): Well Category (select from list): Longitude: Latitude: -77.065347 41.651264 Production

Reduced emissions completion

Date	Duration of flowback	Duration of recovery to the flow line	Duration of combustion	Duration of venting	Comments
	,	(hours)		(comment)	
11/22/2017	15.0	14.5	0.0	0.5	Initial Flowback Period begins: 9:01 AM Separation Flowback Period begins: 9:30 AM
11/23/2017	24.0	24.0	0.0	0.0	
11/24/2017	24.0	24.0	0.0	0.0	
11/25/2017	24.0	24.0	0.0	0.0	
11/26/2017	24.0	24.0	0.0	0.0	
11/27/2017	24.0	24.0	0.0	0.0	
11/28/2017	24.0	24.0	0.0	0.0	
11/29/2017	24.0	24.0	0.0	0.0	
11/30/2017	24.0	24.0	0.0	0.0	
12/1/2017	24.0	24.0	0.0	0.0	
12/2/2017	24.0	24.0	0.0	0.0	
12/3/2017	24.0	24.0	0.0	0.0	
12/4/2017	24.0	24.0	0.0	0.0	
	24.0	24.0	0.0	0.0	
12/5/2017	24.0	24.0	0.0	0.0	
12/5/2017					
12/5/2017 12/6/2017 12/7/2017	24.0	24.0	0.0	0.0	



Well Completions

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REPORTING PERIOD:

Johnson (02-135) K6H	Well Identification
facility. Each gas well affected facility is a single natural gas well.	
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Latitude: Longitude: API Well Number: 41.651264 -77.065275 37-117-21897-00-00

Reduced emissions completion

Production

Primary Compliance Method (select from list):

Well Category (select from list):

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
11/20/2017	11.5	8.5	0.0	3.0	Initial Flowback Period begins: 12:30 PM Separation Flowback Period begins: 3:30 PM
11/21/2017	24.0	24.0	0.0	0.0	
11/22/2017	24.0	24.0	0.0	0.0	
11/23/2017	24.0	24.0	0.0	0.0	
11/24/2017	24.0	24.0	0.0	0.0	
11/25/2017	24.0	24.0	0.0	0.0	
11/26/2017	24.0	24.0	0.0	0.0	
11/27/2017	24.0	24.0	0.0	0.0	
11/28/2017	24.0	24.0	0.0	0.0	
11/29/2017	24.0	24.0	0.0	0.0	
11/30/2017	24.0	24.0	0.0	0.0	
12/1/2017	24.0	24.0	0.0	0.0	
12/2/2017	24.0	24.0	0.0	0.0	
12/3/2017	24.0	24.0	0.0	0.0	
12/4/2017	24.0	24.0	0.0	0.0	
12/5/2017	24.0	24.0	0.0	0.0	
12/6/2017	24.0	24.0	0.0	0.0	
12/7/2017	24.0	24.0	0.0	0.0	
12/8/2017	110	11.0	0.0	0.0	Well Shut-in, turned over to production: 11:01 AM



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Primary Compliance Method (select from list):	Well Category (select from list):	Longitude:	Latitude:	API Well Number:	Well Identification	Affected Facility:
Reduced emissions completion	Production	-77.065200	41.651264	37-117-21898-00-00	Johnson (02-135) K8H	Well Completions A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.



Well Shut-in, turned over to production: 10:01 AM	0.0	0.0	10.0	10.0	12/3/2017
	0.0	0.0	24.0	24.0	12/2/2017
	0.0	0.0	24.0	24.0	12/1/2017
	0.0	0.0	24.0	24.0	11/30/2017
	0.0	0.0	24.0	24.0	11/29/2017
Well Shut-in: 12:31 PM Separation Flowback Period begins: 1:31 PM	0.0	0.0	23.0	23.0	11/28/2017
	0.0	0.0	24.0	24.0	11/27/2017
	0.0	0.0	24.0	24.0	11/26/2017
	0.0	0.0	24.0	24.0	11/25/2017
	0.0	0.0	24.0	24.0	11/24/2017
	0.0	0.0	24.0	24.0	11/23/2017
	0.0	0.0	24.0	24.0	11/22/2017
	0.0	0.0	24.0	24.0	11/21/2017
Well Shut-in: 8:01 AM Separation Flowback Period begins: 11:01 AM	0.0	0.0	21.0	21.0	11/20/2017
	0.0	0.0	24.0	24.0	11/19/2017
Initial Flowback Period begins: 7:00 AM Separation Flowback Period begins: 10:01 AM	3.0	0.0	14.0	17.0	11/18/2017
Comments	Duration of venting (hours)*	Duration of combustion (hours)	Duration of recovery to the flow line (hours)	Duration of flowback (hours)	Date



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Affected Facility:	Well Completions A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.
Well Identification	Johnson (02-135) K10H
API Well Number:	37-117-21899-00-00
Latitude:	41.651264
Longitude:	-77.065128
Well Category (select from list):	Production
Primary Compliance Method (select from list):	Reduced emissions completion



Well Shut-in, turned over to production: 8:01 AM	0.0	0.0	8.0	8.0	12/3/2017
	0.0	0.0	24.0	24.0	12/2/2017
	0.0	0.0	24.0	24.0	12/1/2017
	0.0	0.0	24.0	24.0	11/30/2017
	0.0	0.0	24.0	24.0	11/29/2017
Well Shut-in: 12:31 PM Separation Flowback Period begins: 1:31 PM	0.0	0.0	23.0	23.0	11/28/2017
	0.0	0.0	24.0	24.0	11/27/2017
	0.0	0.0	24.0	24.0	11/26/2017
	0.0	0.0	24.0	24.0	11/25/2017
	0.0	0.0	24.0	24.0	11/24/2017
	0.0	0.0	24.0	24.0	11/23/2017
	0.0	0.0	24.0	24.0	11/22/2017
	0.0	0.0	24.0	24.0	11/21/2017
Well Shut-in: 8:01 AM Separation Flowback Period begins: 11:01 AM	0.0	0.0	21.0	21.0	11/20/2017
	0.0	0.0	24.0	24.0	11/19/2017
	0.0	0.0	24.0	24.0	11/18/2017
	0.0	0.0	24.0	24.0	11/17/2017
	0.0	0.0	24.0	24.0	11/16/2017
Well Shut-in: 4:00 PM Separation Flowback Period begins: 4:30 PM	16.0	0.0	7.5	23.5	11/15/2017
Initial Flowback Period begins: 6:00 AM	18.0	0.0	0.0	18.0	11/14/2017
Comments	Duration of venting (hours)*	Duration of combustion (hours)	Duration of recovery to the flow line (hours)	Duration of flowback (hours)	Date